## IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1.-12. (Cancelled).

13. (Currently amended) A method of providing security in a computer system having a client, an application server, an application component, a resource adapter and a principal mapping module, and a subject instance having the method comprising the steps of:

<u>invoking the application component invokes</u> a connection request method <u>by the</u>

<u>application component</u> on the resource adapter without passing in any security arguments;

the resource adapter passes the connection request to the application server <u>via a</u> connection factory;

the application server is configured to use the principal mapping module; such that the principal mapping module takes the subject instance with the caller principal and returns the subject instance with a valid resource principal and password credential instance to the application server; and the application server establishes

establishing a managed connection between the application server and the enterprise information system using the valid resource principal and password credential instance generated by the principle mapping module.

14. (Currently amended) A computer system for connecting a client process with an enterprise information system, the computer system comprising:

an application server, said application server including a connection manager, a security manager, and a security configuration;

a resource adapter, said resource adapter having a connection factory and a managed connection factory;

an application component, said application component in communication with said connection factory to pass information to said connection manager of the application server;

a java authentication and authorization service(<u>JAAS</u>) module, said <u>JAAS</u> service module being in communication with said security service manager, said service <u>JAAS</u> module containing a <u>sub-JASS</u> module;

an enterprise information system, said enterprise information system in communication with said managed connection factory and said service <u>JAAS</u> module.